

**IN THE SPECIFICATION**

Please amend the title as follows:

-- INTERPOLATION PROCESS FOR AN IMAGE PROCESSING  
APPARATUS CAMERA SIGNAL PROCESSING APPARATUS AND CAMERA SIGNAL  
PROCESSING METHOD--

Please amend the abstract as follows:

----A camera Camera signal processing apparatus comprises an interpolated pixel  
data-generating means for interpolating, at least on two directions, pixel data based on an  
imaging signal from a solid-state image sensor in which an imaging light enters through a color  
filter having a different spectral characteristic for each pixel separately generating interpolated  
pixel data in the at least two directions,; a correlation detecting means for detecting a correlation  
value indicative of a degree of correlation in each of the at least two directions of the interpolated  
pixel data,; a normalizing means for normalizing the correlation value of each of the at least two  
directions to generate a normalized value indicative of a relative value of the correlation value of  
each of the at least two directions,; a correcting means for adding a predetermined correction  
value to the normalized value,; a weighting means for weighting the interpolated pixel data in  
each of the at least two directions by the normalized value and adding together the weighted  
interpolated pixel data in all of the at least two directions, and,; and an image generating means  
for generating an image based on the interpolated pixel data weighted by the weighting means.--